

AMENDMENTS TO THE SPECIFICATION

Please add a heading before paragraph number [0001] as follows:

CROSS REFERENCE TO RELATED APPLICATIONS

Please add paragraph number [0001A] as follows:

[0001A] This application is a U.S. national phase of international application No. PCT/ES2005/000518, filed September 26, 2005, which claims the benefit of priority to ES application 200402464, filed on October 8, 2004.

Please amend the paragraph number [0001] as follows:

[0001] The present specification relates to ~~an invention patent application concerning~~ a semi-automatic system for the manufacture of large electrical induction coils, ~~consisting of~~ a table for the manufacture of coils which is worked on by means of an articulated head that exerts the necessary pressure on each of the turns in the coil and is aided by a system that tightens and feeds the conductor. All this is in turn controlled by a remote programmed system wherein the relevant orders are entered for the characteristics of the coils to be manufactured.

Please amend the heading before paragraph number [0009] as follows:

SUMMARY DESCRIPTION OF THE INVENTION

Please amend paragraphs number [0009], [0010], and [0016] as follows:

[0009] The semi-automatic system for the manufacture of large electrical induction coils that the invention proposes ~~comprises consists of~~ a coiling table, an articulated head with a double pressure system, automatic equipment for feeding the cable, the set of reels of conductor to be coiled and a programmable control panel.

[0010] The coiling table comprises ~~consists of~~ a board whereon the buffers and moulds are situated, being adapted for the size of coil to be manufactured. This table enables the coil to be lifted, once finished, by means of a set of strips fitted to the table that are moved by a hydraulic pressure system. The manual clamping tools are positioned so as to keep the coil in its final dimensions. Once this operation has been carried out, the coil is lifted from the table to pass on to the next process, "dressing the coils," where the layers are joined together so that they maintain their shape, making the coil more rigid for subsequent handling.

[0016] The control system comprises ~~consists of~~ an automatic device with a touch screen interface and a manual control panel in order to ensure the safety of the machine operators. The automatic device continuously controls all the functions of the system, the turning of the coiling table, the pushing of the head mechanism, the movement of the revolving arm and the position of the feeder. It is possible to import text files by computer containing input data (information about the coil to be manufactured and the system parameters for controlling said manufacture) and export output data (information about the process) using the local network. The output data that is recorded includes: real dimensions of the finished coils; coiling time; times of programmed stops; set up times for the winding table; and alarms. This thus allows links to be established between processes.